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| Application No. | Applicant(s)      |  |  |  |  |  |  |  |  |
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| 10/020,398      | STANLEY, RANDY P. |  |  |  |  |  |  |  |  |
| Examiner        | Art Unit          |  |  |  |  |  |  |  |  |
| Khanh Dinh      | 2151              |  |  |  |  |  |  |  |  |

| , | Rejected | <b>-</b> | (Through numeral)<br>Cancelled |
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|--------------|------------|---------------------|-----------|--------|---------------------|----------|---------|------------|---------------|----------|----------|-------------|-------------------------|--------------------|----------|------------------|---------|-------------------|-------|------------|-----------|-----------------|--------------|---------|---------|-------------|----------------|----------|
|              | ā          | 2                   | T         | Τ      |                     | T        |         |            | 2.4           |          | ā        |             |                         | T                  |          |                  |         |                   |       | a          |           |                 |              |         | -       |             |                |          |
| Final        | Original   | 4/10/05             |           |        |                     |          |         |            |               | Final    | Original |             |                         |                    |          | ; ;              |         |                   | Final | Original   |           |                 |              |         |         |             |                |          |
| -i⊑          | ΙĒ         | 4                   |           |        |                     | Ì        |         |            |               | 正        | Ö        |             |                         | 1                  |          |                  |         | Section 5 in      | iI.   | Ö          |           |                 | 1            |         | 1       |             |                | }        |
|              |            |                     |           |        | $\vdash$            | -        |         | ⊢          |               |          |          |             | +                       | $\rightarrow$      | -        | ╁┼               | +       | M,                |       |            |           | $\vdash$        | +            | +       | ╀       | <b>-</b>    | $\vdash$       | _        |
| <del> </del> | 2          | $\forall$           | -         |        | $\vdash$            | -        |         | -          | 7             |          | 51<br>52 |             | +-1                     | +                  |          | $\vdash$         | +-      |                   |       | 101<br>102 |           | $\vdash$        | +            | +       | ╁       | $\vdash$    | $\vdash$       | -        |
| <del> </del> | 3          | Ý                   | -         | +      | 1                   | +        | +       | ├          |               |          | 53       |             | +                       | $\dashv$           |          |                  |         |                   |       | 102        |           | $\vdash$        | +            | +       | ╁       | +-          |                | $\dashv$ |
| <del> </del> | 4          |                     | +         | ┿      | 1-1-                | ╌┼       | +       | ╁          | ₩. ij         |          | 54       |             | +                       | +                  | +        | <del>     </del> | +       |                   |       | 104        | $\vdash$  | $\dashv$        | $\dashv$     | +       | +       |             | H              | $\dashv$ |
|              | 5          | $\overline{\nabla}$ | _         | +      | 1 1                 | ╅        | +-      | +          |               |          | 55       |             | +                       | $\dashv$           |          | $\vdash$         | +       | 44.7              |       | 105        | $\dashv$  | $\vdash$        | +            | +       | +       | 1           | Н              | $\dashv$ |
|              | 6          | 1                   | $\top$    | +-     |                     | +        |         | $\vdash$   | 4             |          | 56       |             | +                       | 十                  | 十        | $\vdash$         | $\top$  | Ŧ.                |       | 106        |           |                 | $\dashv$     |         | +       |             | П              | $\neg$   |
|              | 7          | Ш                   |           | 1      | $\Box$              | $\top$   |         |            |               |          | 57       |             |                         | _                  |          |                  |         | #                 |       | 107        |           | Ħ               | 1            | 1       | T       | $\Box$      | П              |          |
|              | 8          | Ш                   |           |        |                     | $\neg$   |         |            | 8.0           |          | 58       |             | $\sqcap$                |                    | $\top$   |                  |         |                   |       | 108        |           |                 |              |         | T       |             | П              |          |
|              | 9          | П                   |           |        |                     |          |         |            |               |          | 59       |             | $\prod$                 |                    |          |                  |         |                   |       | 109        |           |                 |              | Т       |         |             |                |          |
|              | 10         |                     |           |        |                     |          |         |            |               |          | 60       |             |                         |                    |          |                  |         | 1000              |       | 110        |           |                 |              |         |         |             |                |          |
|              | 11         | Ш                   |           |        | Щ                   | $\bot$   |         | 匚          | Ġ.            |          | 61       | $\bot \Box$ | $\Box$                  | $\bot$             |          |                  | $\perp$ |                   |       | 111        |           |                 | $\bot$       | $\perp$ |         | $\Box$      | $\Box$         |          |
| <u> </u>     | 12         | Ш                   |           |        |                     |          |         |            |               |          | 62       | $\perp$     | $\downarrow \downarrow$ | $\perp$            |          | $\sqcup$         | $\bot$  |                   |       | 112        |           | Ц               | $\perp$      | $\bot$  | $\perp$ | Ш           | Ш              | _        |
| <u> </u>     | 13         | Ш                   |           | _      | $\sqcup$            |          |         | ļ          | <u>,</u> 2    |          | 63       |             | $\sqcup$                | 1                  |          | 1-1-             |         |                   |       | 113        |           | $\sqcup$        | _            | $\perp$ | $\perp$ | $\Box$      | Ш              |          |
| <b> </b>     | 14         | Ш                   | $ \vdash$ | -      | $\vdash \vdash$     | +        | +       | $\vdash$   |               |          | 64<br>65 | $\perp$     | $\sqcup$                | +                  | +        | $\vdash$         | +       |                   |       | 114        | $\square$ | $\vdash \vdash$ | +            | +       | +       | $\vdash$    | ${oxed}$       | $\dashv$ |
| <b> </b> -   | 15<br>16   | H                   | +         | +      | ₩                   | +        | +       | ⊢          | 1.4           | -        | 65<br>66 | +           | $\dashv$                | +                  | +        | $\vdash$         | +       | :1.<br>Salt       |       | 115<br>116 | $\vdash$  | $\vdash \vdash$ | +            | +       | +       | $\vdash$    | $\vdash\vdash$ | $\dashv$ |
| <u> </u>     | 17         | Н                   |           | +-     | ₩                   | +        | +       | ⊢          |               |          | 67       | -           | +                       | $\dashv$           | +-       | ⊢⊢               | +       |                   |       | 117        |           | $\dashv$        | $\dashv$     | +       | ╁       | $\vdash$    | Н              | $\dashv$ |
| <del></del>  | 18         | Н                   | $\dashv$  | +-     | ╁                   | _        |         | $\vdash$   | 14            |          | 68       | +           | 1-1                     |                    | +-       |                  |         |                   |       | 118        | -         | $\dashv$        | +            | +       | +       | $\vdash$    | $\vdash$       | $\dashv$ |
|              | 19         | H                   | +         | +      | $\vdash$            | $\dashv$ | +       | $\vdash$   |               |          | 69       | +           | 1-1                     | -+                 | +-       | <del>     </del> | +       |                   |       | 119        | $\dashv$  | $\dashv$        | +            | +       | +       | Н           | $\vdash$       | $\dashv$ |
|              | 20         | H                   | $\dashv$  | +      | $\vdash$            | $\dashv$ | +       | $\vdash$   |               |          | 70       | +           | +                       | $\dashv$           | +        | $\vdash$         | ╁       |                   |       | 120        | $\vdash$  | $\dashv$        | +            | +       | ╁       | $\vdash$    | $\vdash$       | $\dashv$ |
|              | 21         | H                   | _         | +      |                     | _        |         | $\vdash$   |               |          | 71       |             | +                       | $\dashv$           | +-       | <del>     </del> | +       |                   |       | 121        |           | $\dashv$        | $^{+}$       | +       | +       | Н           | Н              | $\dashv$ |
|              | 22         |                     | $\top$    | $\top$ |                     | $\top$   | $\top$  | $\vdash$   | \$.1<br>\$.1  |          | 72       | $\top$      | $\Box$                  | 十                  | +        | 11               | $\top$  |                   |       | 122        | $\neg$    | $\dashv$        | $\top$       | +       | +       | Н           | П              | $\dashv$ |
|              | 23         |                     | 十         | 1      | $\Box$              | $\top$   |         |            | 1.1           |          | 73       |             | $\sqcap$                | ヿ                  | 十        |                  | $\top$  |                   |       | 123        |           |                 | T            | $\top$  | $\top$  | T           | П              | $\neg$   |
|              | 24         | П                   |           |        |                     | 7        |         | Г          | h. *          |          | 74       |             | $\sqcap$                |                    |          |                  |         |                   |       | 124        |           |                 | T            | $\top$  | T       | П           | П              |          |
|              | 25         | $\prod$             |           |        |                     |          |         |            |               |          | 75       |             |                         |                    |          |                  |         |                   |       | 125        |           |                 |              | Ι       |         |             |                |          |
|              | 26         | Ш                   |           |        |                     |          |         |            | 3.2           |          | 76       |             |                         |                    |          |                  |         |                   |       | 126        |           |                 |              | $\perp$ |         |             |                |          |
|              | 27         | Ш                   |           | Ŀ      |                     | _        |         | _          | - ^1          |          | 77       |             | Ш                       |                    | 丄        | $\perp \perp$    | Ц_      |                   |       | 127        |           |                 | $\bot$       | $\perp$ | $\perp$ |             |                |          |
|              | 28         | Ш                   | $\perp$   | 1      | $\sqcup$            | _        | ┷       | _          | , 3           |          | 78       |             | $\downarrow \downarrow$ | _                  |          |                  | _       |                   |       | 128        |           | 4               | _            | 4       | $\bot$  | Ш           | $\sqcup$       |          |
|              | 29         | Ш                   | -         | -      |                     | +        | +       | ╙          |               |          | 79       | -           | +                       | 4                  |          | $\perp$          | -       | 14                |       | 129        |           | 4               | 4            | 4       | ╄-      | Ш           | $\vdash$       | _        |
|              | 30         | V                   | -         | ┿      | ⊢                   | +        | _       | _          | 5 ()<br>5 ()4 |          | 80       |             | +                       | -                  |          | -                |         |                   |       | 130        |           | $\dashv$        | 4            | +       | -       | $\vdash$    | $\vdash$       | ᅴ        |
|              | 31<br>32   | $\vdash$            | +         | -      | $\vdash$            | +        |         | ┢          |               |          | 81<br>82 | -           | +                       | +                  | -        | -                | ╌       | Fe "              |       | 131<br>132 | $\dashv$  | -               | +            | +       | ╀       | Н           | $\dashv$       | $\dashv$ |
|              | 33         | $\vdash$            | -         | ╁      | ╁                   | +        |         | $\vdash$   |               | -        | 83       | -           | ╁                       | +                  | -        |                  | -       |                   |       | 133        | $\dashv$  | $\dashv$        | -            | +       | +       | $\vdash$    | $\vdash$       | ᅱ        |
|              | 34         | -                   | -         | +      | $\vdash$            | +        | +       | $\vdash$   |               | $\dashv$ | 84       |             | ╁┤                      | +                  | +-       |                  | +       |                   |       | 134        |           | $\dashv$        | +            | +       | +-      | $\vdash$    | $\vdash$       | $\dashv$ |
|              | 35         | $\vdash$            | +         | +      | $\vdash$            | +        | +       | +          | ្សង់          |          | 85       |             | ╁╌╅                     | $\dashv$           | +        | <del>   </del>   | +       |                   |       | 135        |           | +               | +            | +       | +       | Н           | $\dashv$       | ᅱ        |
|              | 36,        | $\dashv$            | $\dashv$  | $\top$ | +                   | +        |         | T          | 4.1           |          | 86       | +-          | $\dagger \dagger$       | $\dashv$           | $\dashv$ |                  |         |                   |       | 136        | $\dashv$  | $\dashv$        | $\dashv$     | ╁       | +-      | ${\dagger}$ |                | ᅱ        |
|              | 37         | $\neg$              |           |        | $\vdash$            | ╅        |         | T          |               |          | 87       | <u></u>     | ${}^{\dagger}$          | 十                  | $\top$   | $\vdash$         | +       | 3                 |       | 137        | 一         | $\dashv$        | $\top$       | $\top$  | $\top$  | $\vdash$    | $\sqcap$       | ᅱ        |
|              | 38         |                     | $\neg$    | 1      | $\Box$              | 十        |         | П          |               |          | 88       | $\top$      |                         | 丁                  | $\top$   | $\sqcap$         |         |                   |       | 138        | $\dashv$  | $\dashv$        | $\top$       | 十       | T       | П           |                | $\dashv$ |
|              | 39         |                     |           |        |                     |          | -       |            | - "<br>- "    |          | 89       |             | $\Box$                  | 丁                  |          |                  |         | 1                 |       | 139        |           | $\Box$          | $\top$       | 1       | T       | П           |                | ᅦ        |
|              | 40         |                     | $\perp$   |        |                     |          |         |            |               |          | 90       |             |                         | $\Box$             |          |                  |         | #                 |       | 140        |           |                 |              |         | $\perp$ |             |                | $\Box$   |
|              | 41         |                     | $\bot$    |        | Ш                   | $\Box$   |         |            | ţ.,           |          | 91       |             |                         | $\Box$             |          |                  |         | 1                 |       | 141        |           |                 | $oxed{\Box}$ | Ι       | Γ       |             |                |          |
|              | 42         |                     |           |        | Ш                   | $\bot$   |         |            |               |          | 92       |             |                         | $oldsymbol{\perp}$ |          |                  |         |                   |       | 142        | $\Box$    | $\Box$          | $\Box$       |         |         |             | $\Box$         |          |
| -            | 43         | $\Box$              | _ _       | _      | $\sqcup$            | - -      | _       | Ш          |               |          | 93       |             | Ш                       | $\perp$            | $\perp$  |                  |         | 1 (9<br>1040<br>3 |       | 143        |           | $\Box$          |              |         |         | $\Box$      | $\Box$         |          |
|              | 44         | _                   | $\dashv$  | $\bot$ | $\vdash \downarrow$ | +        | _ _     | $\perp$    | 5.<br>5. 8    |          | 94       |             | $\vdash$                | $\dashv$           |          | $\vdash$         |         | 3                 |       | 144        | _         | $\perp$         | _            | 4       | $\perp$ | Ш           | $\dashv$       | _        |
|              | 45         | $\vdash$            | -         | +-     | $\vdash$            | +        | $\perp$ | $\vdash$   |               |          | 95       |             | $\sqcup$                | 4                  |          | -                | 4-      | 5                 |       | 145        | _         | _               | $\perp$      | $\bot$  | $\perp$ | $\sqcup$    |                | _        |
|              | 46<br>47   | $\vdash$            | - -       | ╀      | $\vdash$            | +        |         | -          | , The         |          | 96       | - -         | ╁┤                      | +                  | +        | $\vdash \vdash$  |         |                   |       | 146        |           |                 | -            | +       | +       | H           | ,—             | _        |
| $\vdash$     | 48         | $\dashv$            |           | +      | $\vdash$            | -        | +       | $\vdash$   | ī ,           |          | 97<br>98 |             | ╁                       | +                  | +        | ├─┼              | +-      |                   |       | 147        |           |                 | +            | +       | +       | $\vdash$    | -+             | $\dashv$ |
|              | 49         | $\dashv$            | - -       | +      | -                   |          | +       | $\vdash$   |               |          | 98       |             | $\vdash$                | +                  | +        |                  | +       |                   |       | 148<br>149 | -         | $\dashv$        | +            | +-      | +-      | ┝┤          | $\rightarrow$  | $\dashv$ |
| $\vdash$     | 50         | -                   | -         | +      | +                   | +        | +       | Н          | 14 e          |          | 100      | +           | $\vdash \vdash$         | $\dashv$           |          | $\vdash \vdash$  | +       | ji i              |       | 150        | $\dashv$  | $\dashv$        | +            | +       | +       | $\vdash$    | $\dashv$       | ᅴ        |
| -            |            |                     |           |        | $\perp$             | L        |         |            | l L           |          | .00      | 1           | 4_1                     | L_                 |          | ıl               | 1       | 4.1.1             |       | 130        | - 1       | - 1             | - 1          | - 1     | 1       | ıl          | . 1            | - 1      |